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Customizing the InfoSphere MDM Advanced Edition V10
Information

Length: 3.0 Days
__Ref: ZZ640G-X
Delivery method: Classroom
Price: EUR

Overview

This course is designed for anyone who wants to get an understanding of how to use and customize the InfoSphere Master Data Management Advanced Edition using the InfoSphere MDM Workbench. This course takes a participant through the process of setting up a local workstation to customizing the InfoSphere MDM using the InfoSphere MDM Workbench. The focus of the course is on the core features of the Workbench: Setting up a Development Environment, creating an Addition, creating an Extension, creating a Behavior Extension, creating a composite service, working with Product Types, ceating a Spec, and importing a physical data model. For each core area, the instructor will explain the high-level concepts, have the participants work with the feature and then demo and review the feature details. Heavy emphasis is put on exercises and activities, allowing course participants to apply the knowledge that they learn in the classroom, after course conclusion.

Public

This intermediate course is for:

- Infrastructure Specialist
- Senior Technical Specialist
- Technical Specialist
- Support Engineers
- System Architects

Prerequisites

You should have attended:

- *Data Model and Service Mapping for the InfoSphere MDM Advanced Edition (ZZ610)*

It is also recommended that you a have working knowledge of:

- Java development **and** XML concepts as it will be used during the exercises.

Objective

- Understand the MDM Architecture and how the MDM Server handles and XML request
- Understand the core Workbench features available for the MDM Server
- Setup your development environment by running workbench
- Understand the model based approach to create additions and extensions
- Create a new MDM Entity using the Workbench Wizard
- Extend an existing MDM Entity using the Workbench Wizard
- Extend an existing MDM Service using the Workbench Wizard
- Create a new Composite Service using a transient object containing other existing business objects
- Create a new MDM Spec using the Workbench Wizard
- Create a Product Type Hierarchy
- Create an Entity Subtype
- Create a new Service Mapping and Service Tailoring
- Understand the Adaptive Service Interface (ASI)
- Import a Data Model into a MDM Server Module

Topics

- Introduction
- Workspace Setup
 - Software Stack
 - Product Components (Event Manager, MDM Server, Database)
 - Using MDM Workbench
 - Development Environment Setup Tool (DEST)
 - XML testing your workspace
- MDM Server Architecture
 - Request/Response Framework
 - Core MDM Server
 - Pre/Post Framework
- Model Based Development
- Data Additions
 - Additions Architecture
 - Creating an MDM Module Project
 - Creating an Addition
 - Core Property Files
 - Custom Code Tables
- Data Extensions
 - Extensions Architecture
 - Creating an Extension

- Behavior Extensions
 - Behavior Extensions Architecture
 - Creating an Behavior Extension
- Composite Services
 - XML Composite Services
 - Java (Business Proxy) Composite Services
- Product Types
 - The Product Domain
 - Product Type Hierarchy
 - Creating a Product Type Hierarchy using the Workbench
- Specs
 - Specs defined
 - Attaching a Spec to a Product Type
- Entity SubTypes
 - How Entity SubTypes are handled by the architecture
 - Entity subtype metadata
 - Using the workbench to create entity subtypes
- Adaptive Service Interface (ASI)
 - How ASI fits into the InfoSphere MDM Architecture
 - How to build an new Service Mapping
 - How to tailor service for your organization
- Importing a Data Model
 - Mapping a data model to an MDM Server Module
 - Attribute and table mapping

AGENDA:

Day 1

- Introduction
- Workspace Setup
- MDM Server Architecture
- Model Based Development
- Data Additions

Day 2

- Data Extensions
- Behavior Extensions
- Composite Services
- Product Types
- Specs

Day 3

- Entity Subtypes
- Adaptive Service Interface
- Importing a Data Model